INDEX TO VOL. III.

ALLISON, V. D., see *Fleming, A.*
Anoxæmia and the increased electrical excitability of the neuro-myone, 101
Antitoxin, natural, relation to previous infection with diphtheria bacilli, 204
Antitryptic action of the blood, 224
ARMSTRONG, R. R., application of the absorption of agglutinin test to the serological study of pneumococci, 287
Arterial hypertension, effect of increased fluid intake on, 61
Asthma, toxic substances in the blood in, 282
ATKIN, E. E., and BACOT, A. W., experiments on the infectivity of typhus virus contained in lice (*Pediculus humanus* and *Pedicinus longiceps*), 196

B. diphtheriæ, new medium for the isolation of, 263
——— relation of previous infection with, to natural antitoxin, 204
B. dysenteriæ (Shiga), immunisation against, 158
B. influenzæ, nature of the action of potato upon the growth of, 210
BACOT, A. W., details of the technique adopted in following Weigl's plan of feeding lice infected with the virus of typhus fever by rectal injection, 72
——— in memoriam, 117
——— see *Atkin, E. E.*
——— and SÉGAL, J., the infection of lice (*Pediculus humanus*) with *Rickettsia prowazeki* by the injection *per rectum* of the blood-platelets of typhus-infected guinea-pigs and the re-infection of other guinea-pigs from these lice, 125
BARLOW, P. L., see *McIntosh, J.*
BEATON, E., on the antitryptic action of the blood, 224
Blood, antitryptic action of, 224
——— corpuscles, agglutination of, by colloidal silica, 260
——— ——— and plasma, relative volume of, 217
——— elements, association of, with the virus of typhus fever, 95
Blood platelets from typhus-infected guinea-pigs, infection of lice with, 125

CAMPBELL, J. M. H., the relative volume of corpuscles and plasma, and the relation of this to hæmoglobin percentage and the number of red blood-corpuscles, 217
Complement, human and guinea-pig, in the Wassermann reaction, 151
COPEMAN, S. M., O'BRIEN, R. A., EAGLETON, A. J., and GLENNY, A. T., experiences with the Schick test and active immunisation against diphtheria, 42
COWAN, M. L., variation phenomena in streptococci, with special reference to colony form, hæmolysin production and virulence, 187
COWELL, S. J., see *Kellaway, C. H.*
CRAMER, W., on vitamin under-feeding, 298
——— see *Mottram, J. C.*
CRICHTON, A., see *Elliot, W. E.*
Culture, artificial, of malignant tissues, 20
——— media, indicators for, 182
——— ——— influence of the quality of meat on the reaction curve of, 295
CUMMINS, S. L., the anti-bactericidal properties of colloidal silica, 237
——— agglutination of washed red blood-corpuscles by colloidal silica, 260

DALY, I. DE B., and STARLING, E. H., on the effects of changes in intra-ventricular pressure and filling on the ventricular rhythm in partial and complete heart-block, 1
Dental caries, ætiology of, 138
——— ——— production of artificial, 138
Desensitisation, non-specific, 268
Diastatic power of the urine, variation of, in relation to its reaction, 133
Diphtheria, active immunisation against, 42
DODDS, E. C., variation in the diastatic power of the urine in relation to its reaction, with a suggested method for the estimation of the diastatic content, 133
DOUGLAS, S. R., a new medium for the isolation of *B. diphtheriæ*, 263

INDEX TO VOL. III.

ALLISON, V. D., see *Fleming, A.*
Anoxæmia and the increased electrical excitability of the neuro-myone, 101
Antitoxin, natural, relation to previous infection with diphtheria bacilli, 204
Antitryptic action of the blood, 224
ARMSTRONG, R. R., application of the absorption of agglutinin test to the serological study of pneumococci, 287
Arterial hypertension, effect of increased fluid intake on, 61
Asthma, toxic substances in the blood in, 282
ATKIN, E. E., and BACOT, A. W., experiments on the infectivity of typhus virus contained in lice (*Pediculus humanus* and *Pedicinus longiceps*), 196

B. diphtheriæ, new medium for the isolation of, 263
——— relation of previous infection with, to natural antitoxin, 204
B. dysenteriæ (Shiga), immunisation against, 158
B. influenzæ, nature of the action of potato upon the growth of, 210
BACOT, A. W., details of the technique adopted in following Weigl's plan of feeding lice infected with the virus of typhus fever by rectal injection, 72
——— in memoriam, 117
——— see *Atkin, E. E.*
——— and SÉGAL, J., the infection of lice (*Pediculus humanus*) with *Rickettsia prowazeki* by the injection *per rectum* of the blood-platelets of typhus-infected guinea-pigs and the re-infection of other guinea-pigs from these lice, 125
BARLOW, P. L., see *McIntosh, J.*
BEATON, E., on the antitryptic action of the blood, 224
Blood, antitryptic action of, 224
——— corpuscles, agglutination of, by colloidal silica, 260
——— ——— and plasma, relative volume of, 217
——— elements, association of, with the virus of typhus fever, 95
Blood platelets from typhus-infected guinea-pigs, infection of lice with, 125

CAMPBELL, J. M. H., the relative volume of corpuscles and plasma, and the relation of this to hæmoglobin percentage and the number of red blood-corpuscles, 217
Complement, human and guinea-pig, in the Wassermann reaction, 151
COPEMAN, S. M., O'BRIEN, R. A., EAGLETON, A. J., and GLENNY, A. T., experiences with the Schick test and active immunisation against diphtheria, 42
COWAN, M. L., variation phenomena in streptococci, with special reference to colony form, hæmolysin production and virulence, 187
COWELL, S. J., see *Kellaway, C. H.*
CRAMER, W., on vitamin under-feeding, 298
——— see *Mottram, J. C.*
CRICHTON, A., see *Elliot, W. E.*
Culture, artificial, of malignant tissues, 20
——— media, indicators for, 182
——— ——— influence of the quality of meat on the reaction curve of, 295
CUMMINS, S. L., the anti-bactericidal properties of colloidal silica, 237
——— agglutination of washed red blood-corpuscles by colloidal silica, 260

DALY, I. DE B., and STARLING, E. H., on the effects of changes in intra-ventricular pressure and filling on the ventricular rhythm in partial and complete heart-block, 1
Dental caries, ætiology of, 138
——— ——— production of artificial, 138
Desensitisation, non-specific, 268
Diastatic power of the urine, variation of, in relation to its reaction, 133
Diphtheria, active immunisation against, 42
DODDS, E. C., variation in the diastatic power of the urine in relation to its reaction, with a suggested method for the estimation of the diastatic content, 133
DOUGLAS, S. R., a new medium for the isolation of *B. diphtheriæ*, 263

DREW, A. H., a comparative study of normal and malignant tissues grown in artificial culture, 20
——— the laboratory preparation of a purified hæmatoxylin, 307
——— see *Mottram, J. C.*
DUDLEY, S. F., the relation of natural diphtheria antitoxin in the blood of man to previous infection with diphtheria bacilli, 204
DYKE, S. C., on isohæmagglutination, 146

EAGLETON, A. J., see *Copeman, S. M.*
ELLIOT, W. E., CRICHTON, A., and ORR, J. B., the importance of the inorganic constituents of the food in nutritional disorders: I. Rickets in pigs, 10
Epilepsy, toxic substances in the blood in, 282

Fat absorption, effect of vitamins and radium, 179
FILDES, P., the nature of the action of potato upon the growth of *B. influenzæ*, 210
FLEMING, A., and ALLISON, V. D., observations on a bacteriolytic substance (lysozyme) found in secretions and tissues, 252
Food, importance of inorganic constituents of, in nutritional disorders, 10

GLENNY, A. T., see *Copeman, S. M.*
GYE, W. E., and KETTLE, E. H., silicosis and miners' phthisis, 241
——— and PURDY, W. J., the poisonous properties of colloidal silica: I. The effects of the parenteral administration of large doses, 75
——— ——— the poisonous properties of colloidal silica: II. The effects of repeated injections on rabbits; fibrosis of the liver, 86

Hæmagglutination, 146
Hæmatoxylin, laboratory preparation of purified, 307
Hæmoglobin percentage, relation of relative volume of blood-corpuscles and plasma to, 217
HALL, I. W., indicators for culture media containing varying acids and buffers, 182
HARRISON, G. A., on urea tests of renal function, 28
HAYDEN, A. F., the relative value of human and guinea-pig complement in the Wassermann reaction, 151
Heart-block, effects of changes in intraventricular pressure on ventricular rhythm in, 1
d'Hérelle phenomenon, a quantitative method in the study of, 173

Indicators for culture media, 182
INNES, I., see *Orr, J. B.*

JAMES, W. W., see *McIntosh, J.*

KANAI, S., further experimental studies on immunisation against *B. dysenteriæ* (Shiga) and its toxins, 158
KELLAWAY, C. H., and COWELL, S. J., non-specific desensitisation, 268
KETTLE, E. H., see *Gye, W. E.*
KLIGLER, I. J., the cultivation of *Spironema duttoni* from a case of relapsing fever, 215

Liver, fibrosis of, due to injection of colloidal silica, 86
Lysozyme in secretions and tissues, 252

MCINTOSH, J., JAMES, W. W., and BARLOW, P. L., an investigation into the ætiology of dental caries: I. The nature of the destructive agent and the production of artificial caries, 138
MACKIE, T. J., the serological relationships of the paracholera vibrios to *Vibrio choleræ*, and the serological races of the paracholera group, 231
MAITLAND, H. B., experiments employing a quantitative method in a study of the d'Hérelle phenomenon, 173
Malignant tissues grown in artificial culture, 20
Metabolism of surviving mouse tumours, 51
Migraine, toxic substances in the blood in, 282
MORRIS, N., anoxæmia and the increased electrical excitability of the neuro-myone, 101
MOTTRAM, J. C., CRAMER, W., and DREW, A. H., vitamins, exposure to radium and intestinal fat absorption, 179
Mouse tumours, carbohydrate metabolism of, 51

Neuro-myone, increased electrical excitability of, and anoxæmia, 101
Nutritional disorders, importance of inorganic constituents in the food in, 10

O'BRIEN, R. A., see *Copeman, S. M.*
ORR, J. B., see *Elliot, W. E.*
——— and INNES, I., the effect on arterial hypertension of increased fluid intake, 61

Paracholera vibrios, serological relationship to *Vibrio choleræ*, 231
Pneumococci, absorption of agglutinin test with, 287
Potato, nature of the effect of, on the growth of *B. influenzæ*, 210
PURDY, W. J., see *Gye, W. E.*

Radium and intestinal fat absorption, 179
Reaction curve of nutrient media, influence of the quality of meat on, 295
Relapsing fever, cultivation of *Spironema duttoni* from a case of, 215
——— ——— Wassermann reaction in, 59
Renal function, urea tests of, 28

Rickets in pigs, 10
ROAF, H. E., the Wassermann reaction in relapsing fever, 59
RUSSELL, B. R. G., the carbohydrate metabolism of surviving mouse tissues and tumours, 51

Schick test, 42
SÉGAL, J., the association of the virus of typhus fever with the various blood elements, 95
——— see *Bacot, A. W.*
Silica, agglutination of blood-corpuscles by colloidal, 260
——— antibactericidal properties of colloidal, 237
——— poisonous properties of colloidal, 75, 86
Silicosis and miners' phthisis, 241
Spironema duttoni, cultivation of, from a case of relapsing fever, 215
STARLING, E. H., see *Daly, I. de B.*
STORM VAN LEEUWEN, W., and ZEYDNER, on the occurrence of a toxic substance in the blood in cases of bronchial asthma, urticaria, epilepsy and migraine, 282
Streptococci, variation phenomena in, 187

Typhus fever, association of the virus of, with the various blood elements, 95
——— ——— feeding lice with the virus of, by rectal injection, 72, 125
——— virus, infectivity of, from lice, 196

Urea tests of renal function, 28
Urine, reaction of, effect on diastatic power of, 133
Urticaria, toxic substances in the blood in, 282

Vibrio choleræ, serological relationship to the paracholera vibrios, 231
Vitamin under-feeding,
——— and intestinal fat absorption, 179

Wassermann reaction, human and guinea-pig complement in, 151
——— ——— in relapsing fever, 59
Weigl's plan of feeding lice by rectal injection, 72, 125
WOLF, C. G. L., the influence of the quality of the meat upon the reaction curve of a nutrient medium, 295

ZEYDNER, see *Storm van Leeuwen, W.*